Approved for use through 10/31/2002, OMB 0851-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

C mpl te if Kn wn				
Application Number	10/066,458			
Filing Date	January 31, 2002			
First Named Inventor	Akira Nishimizu			
Group Art Unit	2838			
Examiner Name	Unassigned			
Attorney Docket Number	16869N-041500US			

J	U.S. PATENT DOCUMENTS								
7 I		U.S. Patent Document					Pages, Columns, Lines,		
	Examiner Initials *	Cite No. ¹	Number	Kind Co		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	
I									
I						·			

				FOREIGI	N PATENT DOCU	MENTS		
Examiner Cite No.1	For	reign Patent Doo	zument	Name of Patentee	Date of Publication of	Pages, Columns, Lines, Where Relevant		
		Office ³	Number ⁴	Kind Code ⁵ (if known)	or Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	
TIN	AA	JP	2000-150253	3 A	Hitachi, Ltd.	May 30, 2000		abstrac only

			CONTRACTOR OF THE PERSON OF TH	
Examiner Signature	NGUYE N	Date Considered	12/10/04	,

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as Indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Kn wn

Application Number 10/066,458

Filing Dat January 31, 2002

First Named Invent r Akira Nishimizu

Group Art Unit 2838

Examiner Name Unassigned

Attorney Docket Number 16869N-041500US

(use as many sheets as necessary)

2 of 2 Attorney Docket Number 16869N-041500U

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
TIN	АВ	Journal of the Japan Electric Association ISSN 0387-0758 pp. 6-9 (1998).	. yes
TEN	AC	Institute of Electrical Engineers of Japan Technical Report No. 459 pp. 30-32 (1993).	yes

				_
Examiner Signature	NGUYEN	Date Considered	12/10/04	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PA 3214029 v1



¹ Unique citation designation number. 2 Applicant is to place a check mark here if English language Translation is attached.